



PRODUCT DATASHEET

PRODUCT:

Product Name:	Pigment Ultramarine Blue 29
Product Code:	UB29

GENERAL INFORMATION:

1. IDENTITY	: SODIUM ALUMINIUM SULPHO SILICATE
2. CAS NUMBER	: 57455-37-5 101357-30-6
3. COLOUR INDEX NUMBER	: Pigment Blue 29:77007

COLOUR PROPERTIES:

(Blue reduced with five times its weight of Rutile Titanium Dioxide, drawn down and compared with its Batch Standard in CIE Lab Scale)

1. TINTING STRENGTH (IN %)	: 100 ± 5.00
2. COLOUR DIFFERENCE DE*	: 1.00 Unit Maximum
DL*	: ± 0.50 Unit
DA*	: ± 0.50 Unit
DB*	: ± 0.50 Unit

OTHER PHYSICAL AND CHEMICAL PROPERTIES:

1. APPEARANCE	: Blue Powder
2. APPARENT DENSITY (GMS/CC)	: 0.45 to 0.80
3. MOISTURE CONTENT AT 105°C	: 2.0 % Maximum
4. WATER SOLUBLE MATTER	: 2.0 % Maximum
5. FREE SULPHUR	: 500 ppm Maximum
6. OIL ABSORPTION (% BY WT)	: 34.00 to 37.00
7. MEDIAN PARTICLE DIAMETER D 50	: 2.00 Microns Maximum
8. RESIDUE ON 45 MICRONS SIEVE (% BY WT)	: 0.2 Maximum

COLOUR FASTNESS PROPERTIES:

1. HEAT STABILITY	: 350 °C for 5 Minutes
2. LIGHT (DAY LIGHT AND XENON LAMP)	: Very good
IN MASS TONE	: 7/8 on woolscale
IN REDUCED TONE	: 7/8 on woolscale
3. WEATHER FASTNESS	: 4/5 on gray scale
4. IN ACIDS	: Poor
5. IN ALKALIS	: Good

TOXICITY:

Least toxic and a safe pigment for industrial applications. It is ecologically non-hazardous and does not create any skin or eye irritation.

USAGE IN COSMETICS:

Conforms to regulations in most countries in the world.

